



2520 Venture Oaks Way, Suite 250
Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action
WA No.: 016-RARA-09J5
Project Location: San Bernardino, CA
URS Project No.: 18600069.05010

MUSCOY 19th STREET PLANT/ENCANTO PARK MONTHLY MEETING MINUTES

Date: 01/27/05
Time From: 0830 - 1200

U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, CA 94105
Contract No. 68-W-98-225

8:30 AM Meeting Attendees:

- ☐ Kim Hoang/USEPA;
- ☐ Matt Dwyer/URS; Kit Veldman/URS
- ☐ Bob Kemmerle/E2
- ☐ Bill Bryden/SBMWD; Mike Lowe/SBMWD; Mark Eisen/Secor

Meeting Topics:

- ☐ Project Construction Status
 - Treatment Plant
 - ⇒ Differential Pressure Transducers – On order expected at the end of March. Bill requested that the local readout be the differential pressure in psig, not in % difference.
 - ⇒ Paving at Existing Plant – URS confirmed that the asphalt at the existing plant will be cold planed instead of patching areas affected by the pipeline.
 - ⇒ Pre-Final Inspection Checklists – Pre-Final Inspections were performed at 19th Street and Encanto Park. Terry Tonn and Bob Kemmerle signed the checklists. URS will give copies to Bill and Mike after the meeting. Bill Bryden confirmed that he did not have to sign off on each checklist (Pre-Final, Punch list or Shakedown). He would sign the final acceptance sheet as long as Mike Garland, Terry Tonn or Mike Lowe had signed off on the other lists.
 - ⇒ SBMWD Punch List Items – Bob Kemmerle will put together the punch list items for the City, at Kim's request. He will forward these items to Terry, Mike Lowe and Bill.
 - I-215/BNSF Under Crossing
 - ⇒ Casing in the boring section has been completed. EI-Co is working on the open cut section of casing.
 - ⇒ Several rain days were encountered during the storms that pushed back completion of the carrier pipe installation. The carrier pipe installation is expected to be completed by 2/7/05, with pressure testing and chlorination work to be done by 2/9/05.
 - Carbon Delivery
 - ⇒ URS confirmed that Carbon Activated has received all carbon. URS expects that the carbon can be delivered in one event and has requested a revised delivery schedule from Carbon Activated assuming a shipping start date of 2/15/05.
 - ⇒ SBMWD confirmed that the wells at 19th Street can be used to condition and maintain the carbon. Once the pipeline and vessels are flushed the carbon delivery can begin.
 - ⇒ SBMWD confirmed that they will conduct the BAC-T tests for the carbon vessels, header pipeline and the carbon.
 - Treatment Plant Expansion – URS fine graded the dirt to the East of the plant. Terry needs to inform Nick if they plan on putting a roller to compact further.
 - PS/Treatment Plant Control Logic
 - ⇒ URS and SBMWD confirmed that there were no issues with the sequence of operations.
 - ⇒ Per Bill, ATSI will finish programming and site installation at 19th Street by the end of January or first week of February.
 - MW Instrumentation/SCADA Checkout
 - ⇒ City is still working on data collection for the wells. It is currently behind schedule. The plan to be ready for Dennis' test in May.
 - ⇒ Dennis to forward the MW data format to Bill and Mike Lowe. Format was already sent to Kim.



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Meeting Topics Continued:

- Well Construction Status
 - Schedule – Mark handed out an updated well schedule. This schedule needs to be reviewed by Bill and Mike. Mark will email a revised schedule after their review. Current best case scenario shows that all wells will be ready for pumping by 2/15/05.
 - EW-108 – Finished development of well and began test pumping on 1/26/05. Will install equipment next week and perform pump test. Expected availability for flushing is 02/04/05.
 - EW-109 – Waiting on selecting a high voltage contractor. Expected completion of pump test is 02/15/05.
 - EW-110 – Waiting on high voltage. Expected availability for flushing is 02/16/05.
 - EW-111 – Edison is scheduled to be on site on the week 01/24/05. Expected availability for flushing is 02/17/05.
 - EW-112 – Well tested and ready for flushing.
 - Well Checklists – Bob Kemmerle and a representative from the City (Mike Garland or Terry Tonn) will perform the extraction well and monitoring well Pre-Final Inspection Checklists on 2/2/05. Kit will forward electronic copies to the City and Bob.
 - Façade Homes and Landscaping – At wells 109, 110, 111, and 112 these items are not complete.
- Project Start Up and Schedule Issues
 - Flushing
 - ⇒ SBMWD confirmed that they can use EW-108 and water from two of the Newmark wells for flushing, as soon as the carrier pipe connecting east and west side of I-215 is completed.
 - ⇒ SBMWD confirmed that their operators would turn valves during flushing and shakedown.
 - O&M Manual
 - ⇒ Kit provided a list of questions to the City that need to be answered to finish preparing the O&M Manual. Kit will forward an electronic copy of the questions to the City.
 - ⇒ City to provide responses to URS by 1/31/05.
 - ⇒ URS to confirm that they do not need anything from the DHS permit for the O&M Manual.
 - Startup Schedule – Adam to create a detailed shakedown/start up schedule that incorporates the City's well schedule, Matt's construction schedule and Dennis' well schedule. This schedule will cover the four weeks of shakedown and the five weeks of start up.
- Quality Control Team
 - No issues.
- Community Relations
 - Kim, Jackie Lane, Stacey Aldstadt, Lana Kennerly, Tom Valdez and Kit met on 1/25/05 to discuss the dedication ceremony. Jackie will send out a revised Dedication Ceremony Matrix.
 - SBMWD needs to provide EW photos and a revised map to URS.
 - URS to provide revised posters and slide show for review by City and EPA by 2/9/05.
- Other Issues
 - URS does not have as-built drawings for the 19th Street Plant in CAD yet. URS to contact Christa Campbell at the City and find out if she wants record drawings in CAD or if she wants to wait until as-builts are completed.
 - Kim stated that she does not think that SBMWD will need to generate a Construction Report for the portion of the transmission pipeline that was constructed by SBMWD.



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Meeting Topics Continued:

- Next Meeting
 - Next Biweekly Construction Meeting will be February 2, 2005 at the 19th Street Treatment Plant.
 - Next Technical Meeting will be February 16, 2005 in San Bernardino (SBMWD Classroom)

The minutes of this meeting represent the writer's understanding of the events as discussed. Should an attendees understanding differ, please contact Kit Veldman at (916) 679-2369, or kit_veldman@urscorp.com. The minutes contained herein will stand if not corrected within ten (10) days of this writing.